

IN THE SPECIFICATION:

Please amend the paragraph starting at page 2, line 1 as follows:

--Merits of use of the photo direct print system are easy printing print without starting a PC and low system building cost since a PC is not indispensable. Upon connecting a digital camera to a printer, a display normally equipped on the digital camera is used as a means for giving various instructions and, especially, for confirming an image to be printed. Hence, a printer does not require any special display used to confirm an image, and the cost can be further reduced.--.

Please amend the paragraph starting at page 6, line 12 as follows:

--FIG. 12 is a view for explaining an example of capability information ~~Capability~~ transmitted in NCDP according to the first embodiment;--.

Please amend the paragraph starting at page 10, line 25 as follows:

--A power key 1005 is arranged on the upper surface of the upper case 1002 ~~1003~~ so that the user can press it. A control panel 1010 which comprises a liquid crystal display 1006, various key switches, and the like is provided on the right side of the upper case 1002. The structure of the control panel 1010 will be described in detail later with reference to FIG. 2. Reference numeral 1007 denotes an automatic feeder which automatically feeds a paper sheet into the apparatus main body. Reference numeral 1008 denotes a paper gap select lever which is used to adjust the gap between the printhead and paper sheet. Reference numeral 1009 denotes a card slot which receives an adapter that can receive a memory card. Via this adapter, image data stored in the memory card can be directly fetched and printed. As this memory card (PC card), for

example, a compact flash® memory card, smart media card, memory stick, and the like are available. Reference numeral 1011 denotes a viewer (liquid crystal display unit) which is detachable from the main body of this PD printer 1000, and is used to display an image for one frame, index image, and the like, when the user wants to search images stored in the PC card for an image to be printed. Reference numeral 1012 denotes a USB terminal used to connect a digital camera (to be described later). Also, another USB connector used to connect a personal computer (PC) is provided on the rear surface of this PD printer 1000.--.

Please amend the paragraph starting at page 13, line 16 as follows:

--Referring to FIG. 3, reference numeral 3000 denotes a controller (control board). Reference numeral 3001 denotes an ASIC (dedicated custom LSI). The arrangement of the ASIC 3001 will be described later with reference to the block diagram of FIG. 4. Reference numeral 3002 denotes a DSP (digital signal processor), which includes a CPU and executes various control processes to be described later, and image processes such as conversion from a luminance signal (RGB) into a density signal (CMYK), scaling, gamma conversion, error diffusion, and the like. Reference numeral 3003 denotes a memory, which has a memory area that serves as a program memory 3003a for storing a control program to be executed by the CPU of the DSP 3002, a RAM area for storing a running program, and a work area for storing image data and the like. Reference numeral 3004 denotes a printer engine. In this embodiment, the printer is equipped with a printer engine of an ink-jet printer which prints a color image using a plurality of color inks. Reference numeral 3005 denotes a USB connector as a port for connecting a digital camera 3012. Reference numeral 3006 denotes a connector for connecting the viewer 1011. Reference numeral 3008 denotes a USB hub. When the PD printer 1000 executes a print process based on image data from

a PC 3010, the USB hub 3008 allows data received from the PC 3010 to pass through it, and outputs the data to the printer engine 3004 via a USB 3021. In this way, the PC 3010 connected to the printer apparatus can execute a print process by directly exchanging data, signals, and the like with the printer engine 3004 (the printer apparatus serves as a normal PC printer). Reference numeral 3009 denotes a power supply connector, which inputs a DC voltage which is converted from commercial AC power by a power supply 3019. The PC 3010 is a general personal computer. Reference numeral 3011 denotes a memory card (PC card) mentioned above; and 3012 denotes; a digital camera (to be also referred to as a DSC: Digital Still Camera). --.

Please amend the paragraph starting at page 16, line 20 as follows:

--Referring to FIG. 26, reference numeral 31 denotes a CPU which controls the overall DSC 3012; and 32 denotes ; a ROM that stores the processing sequence (firmware) of the CPU 31 (note that the ROM comprises a rewritable nonvolatile memory (e.g., a flash memory) since the firmware version is updated as needed). Reference numeral 33 denotes a RAM which is used as a work area of the CPU 31; and 34 denotes ; a switch group used to make various operations. Reference numeral 35 denotes a liquid crystal display, which is used to confirm a sensed image, and to display a menu upon making various setups. In the first embodiment, these components 34 and 35 serve as a user interface of the whole system when the DSC serves as a member of the direct print system. Reference numeral 36 denotes an optical unit which mainly comprises a lens and its drive system. Reference numeral 37 denotes a CCD element; and 38 denotes ; a driver which controls the optical unit 36 under the control of the CPU 31. Reference numeral 39 denotes a connector that receives a storage medium 40 (compact flash® memory card, smart media card,

or the like); and 41 denotes ; a USB interface (the slave side of the USB) used to connect the PC or PD printer 1000 of the first embodiment.--.

Please amend the paragraph starting at page 20, line 5 as follows:

--Referring to FIG. 6, reference numeral 600 denotes a USB interface; and 601 denotes; a Bluetooth interface. Reference numeral 602 denotes an application layer which is built in upon forming a system based on NCDP. Reference numeral 603 denotes a layer that implements existing protocols and interfaces. In FIG. 6, PTP (Picture Transfer Protocol), SCSI, BIP (Basic Image Profile) of Bluetooth, and the like are installed. The NCDP according to the first embodiment is premised on installation as an application on the architecture of the above protocol layer. In this case, the PD printer 1000 is specified as a USB host, the digital camera 3012 is specified as a USB device; they have the same NCDP configurations, as shown in FIG. 6. --.

Please amend the paragraph starting at page 34, line 26 as follows:

--In procedure 1400, the PD printer 1000 transmits PTP command GetDeviceInfo to the DSC 3012 to request it to send information associated with objects held by the DSC. Simply stated, this command is an inquiry about what device is connected to the PD printer. In response to this command, the DSC 3012 transmits (informs) information about itself to the PD printer 1000 using DeviceInfo Dataset. However, this information is attribute information associated with a camera, which is specified by the PTP standard, but does not contain any information associated with direct printing print. In procedure 1402, PTP command OpenSession starts a session for assigning the DSC 3012 as a resource, assigning handles to data objects as needed, and making a special initialization process.--.